

Supplementary Online Content

Conti MG, Terreri S, Piano Mortari E, et al. Immune response of neonates born to mothers infected with SARS-CoV-2. *JAMA Netw Open*. 2021;4(11):e2132563.
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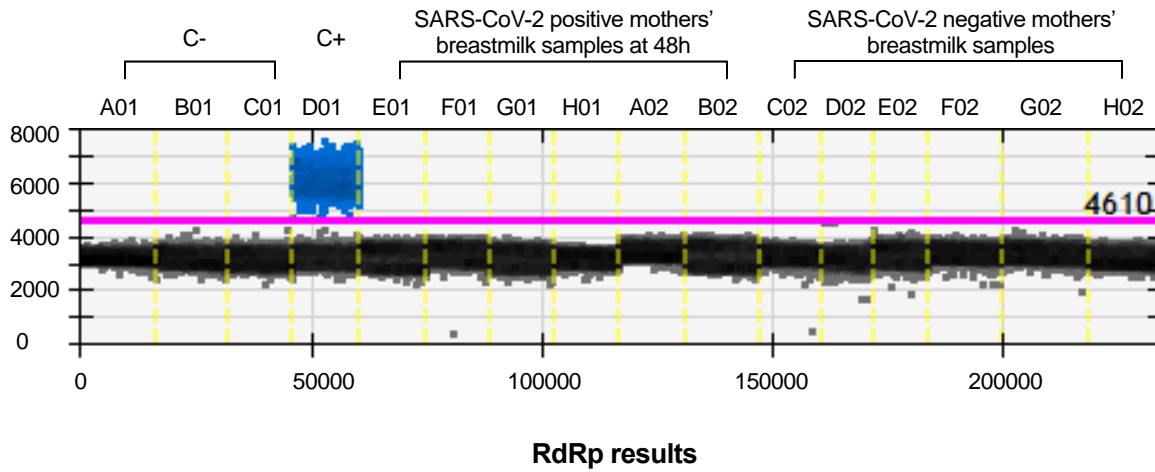
eFigure. SARS-CoV-2 Molecular Detection in Breastmilk

eTable. Detection and Quantitative Measurement of SARS-CoV-2 Nucleocapsid Protein Antigen

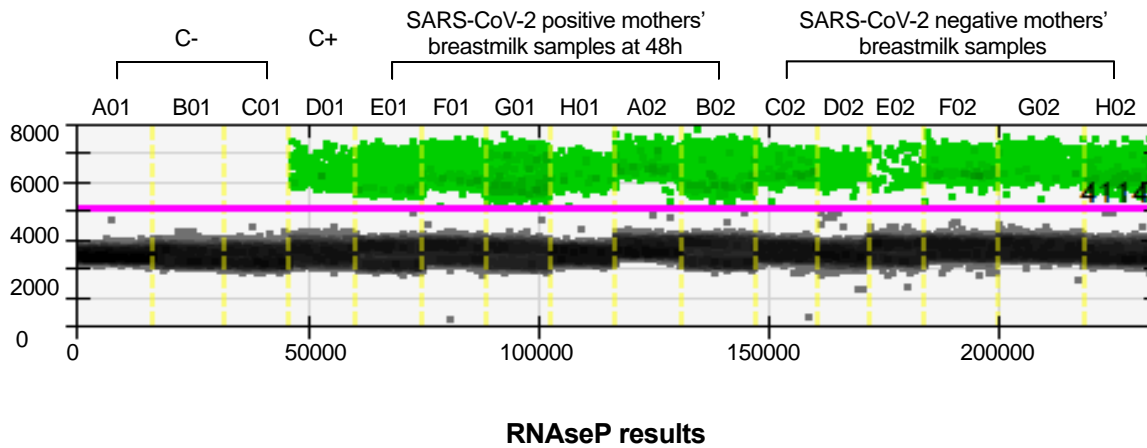
This supplementary material has been provided by the authors to give readers additional information about their work.

eFigure. SARS-CoV-2 Molecular Detection in Breastmilk

A



B



(A) Amplification by digital droplet PCR of RdRp in the negative controls (C-), positive control (C+) and breastmilk samples. (B) Amplification by digital droplet PCR of RNaseP in the negative controls (C-), positive control (C+), and breastmilk samples. Results of SARS-CoV-2 subgenomic RNAs (sgRNAs) were superimposable and thus not shown.

eTable. Detection and Quantitative Measurement of SARS-CoV-2 Nucleocapsid Protein Antigen

	Breastmilk samples	RLU	Ag Concentration (pg/mL)	Result
Ctrl	1	512	0.71	Ag not detected
	2	380	0.3	Ag not detected
	3	683	1.25	Gray zone
	4	277	0.01	Ag not detected
	5	246	0.01	Ag not detected
	6	337	0.16	Ag not detected
SARS-CoV-2 positive	7	282	0.01	Ag not detected
	8	903	1.24	Gray zone
	9	289	0.01	Ag not detected
	10	280	0.01	Ag not detected
	11	278	0.01	Ag not detected
	12	276	0.01	Ag not detected
	13	277	0.01	Ag not detected
CTRL Neg		271	0.01	NEG_Passed
CTRL Pos		51050	162.99	POS_Passed

Abbreviations: Ctrl, control (i.e., breastmilk samples of mothers never infected by SARS-CoV-2 collected during the first week after delivery); SARS-CoV-2 positive, breastmilk samples of mothers infected by SARS-CoV-2 collected 48h after delivery; RLU: relative light unit; Ag: nucleocapsid antigen; CTRL Neg: internal negative control; CTRL Pos: internal positive control.